


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ANC95LA089		Aircraft Registration Number: N9825F	
		Occurrence Date: 06/28/1995		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place TALKEETNA	State AK	Zip Code 99676	Local Time 0800	Time Zone ADT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer CESSNA		Model/Series 208		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 28, 1995, at 0800 Alaska daylight time, a wheel equipped Cessna 208 airplane, N9825F, registered to Cessna Finance Corporation of Wichita, Kansas, and operated by TransNorthern Aviation Inc. of Talkeetna, Alaska, struck some trees during maneuvering flight while performing aerial survey work, approximately 20 miles northwest of Talkeetna. The aerial survey flight, operating under 14 CFR Part 91, departed Talkeetna on a company visual flight rules flight plan for a local flight. Visual meteorological conditions prevailed. The airline transport certificated pilot, and the two passengers were not injured. The airplane was substantially damaged.</p> <p>According to the pilot, they were surveying between two Global Positioning System (GPS) points and it was important for the airplane to be in level flight at 80 knots for 4 minutes prior to reaching the initial survey point. The pilot stated he positioned the airplane close to the Peters Hills to begin a survey run. The flight path was north and he was planning a right turn. The pilot stated he looked to the right and felt he would clear all the obstacles. He began his right turn, then looked inside the cockpit to make a power adjustment. When he glanced up again he noticed that he would not be able to clear a very tall tree located on the ridge line directly off the nose of the airplane.</p> <p>The pilot stated that he did not feel he could pull up because of the 80 knot airspeed and low power setting. He attempted to maneuver the nose of the airplane so the tree would pass off the left side of the airplane. The right wing struck some trees. The pilot could not see any damage to the wing, however, the outer 4 feet of the right wing were obscured by the radar pod. The leading edge of the wing and a section of the main spar, outboard of the radar pod, was damaged.</p> <p>The damage to the airplane was found during the postflight inspection.</p> <p>According to 14 CFR Part 135.1,b,4,iii, aerial photography or aerial survey is exempted from 14 CFR Part 135.</p> <p>According to the Director of Operations, the pilot submitted to a toxicological test as soon as this mishap was determined to be an accident. He stated the results of the test were all negative.</p>					
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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: NONE					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer CESSNA		Model/Series 208		Serial Number 208-0228	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Tricycle					
Homebuilt Aircraft? No	Number of Seats: 3	Certified Max Gross Wt.	8000 LBS	Number of Engines: 1	
Engine Type: Turbo Prop	Engine Manufacturer: P&W	Model/Series: PT-6-114	Rated Power: 600 HP		
- Aircraft Inspection Information					
Type of Last Inspection 100 Hour	Date of Last Inspection 05/15/1995	Time Since Last Inspection 50 Hours	Airframe Total Time 1248 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner CESSNA FINANCE CORPORATION		Street Address P.O. BOX 308			
		City WICHITA	State KS	Zip Code 76201	
Operator of Aircraft TRANSNORTHERN AVIATION INC		Street Address 3600 W INTERNATIONAL ARPT RD			
		City ANCHORAGE	State AK	Zip Code 99502	
Operator Does Business As:			Operator Designator Code: TN8A		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): On-demand Air Taxi					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Unknown					
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First Pilot Information																																																																																				
Name		City		State	Date of Birth	Age																																																																														
On File		On File		On File	On File	44																																																																														
Sex: M	Seat Occupied: Left	Principal Profession: Police		Certificate Number: On File																																																																																
Certificate(s): Airline Transport																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land; Single-engine Sea																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Instrument Airplane																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review?																																																																																
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 12/01/1994																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>5618</td> <td>100</td> <td>2300</td> <td>3535</td> <td>630</td> <td>653</td> <td>110</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>5497</td> <td>100</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>290</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>200</td> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>100</td> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	5618	100	2300	3535	630	653	110				Pilot In Command(PIC)	5497	100									Instructor	290	10									Last 90 Days	200	15									Last 30 Days	100	15									Last 24 Hours	1	1								
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? Yes		Second Pilot? No																																																																														
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: Company VFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
Same as Accident/Incident Location			TKA	0730	ADT																																																																															
Destination		State	Airport Identifier																																																																																	
Local Flight																																																																																				
Type of Clearance: None																																																																																				
Type of Airspace: Class G																																																																																				
Weather Information																																																																																				
Source of Briefing: No record of briefing																																																																																				
Method of Briefing:																																																																																				


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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0000		0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Unknown			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: Broken		750 Ft. AGL		Visibility: 30 SM	Altimeter: 29.00 "Hg
Temperature: 10 °C	Dew Point: °C	Wind Direction: 180		Density Altitude: Ft.	
Wind Speed: 5	Gusts: 10	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage:		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				2	2
- TOTAL ABOARD -				3	3
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	3	3

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Administrative Information		
Investigator-In-Charge (IIC) GEORGE KOBELNYK		
Additional Persons Participating in This Accident/Incident Investigation: GENE CORDELL FSDO O3 ANCHORAGE, AK 99502		
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